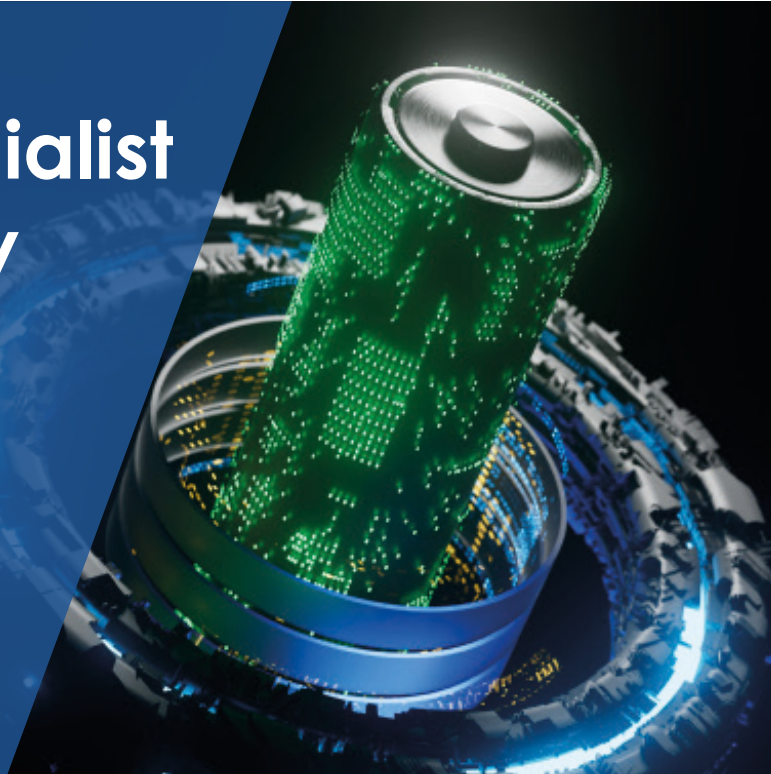




Your specialist for battery cooling



About the company

Quarder Group is an independent family business founded in 1971. Our business is international in a global economy. Our **focus** is on **e-mobility, hybrid plastic components, high-precision plastic parts** (including inserts and 2-shot molding) and **sensors**. EQ is a development partner for customers from the **automotive sector** and other **industries**. We have our **own tool shop** and the ability to build the necessary **automation lines** ourselves. We supply all measures required for production from a single source. Erwin Quarder Systemtechnik has **QA-certified locations** in all major regions of the world, for the **European, Asian** and **NAFTA markets**.

Why Choose Us ?

With our MPDB® technology, we currently offer the best solution for battery thermal management on the market in terms of price and performance.

- // The direct metal/plastic bond eliminates the risk of leakage over time due to electrochemical corrosion
- // Minimisation of the CO² footprint thanks to light-weight systems that are manufactured with low energy consumption
- // Enormous cost benefits using multi-cavity injection moulds and fast process times due to MPDB® technology



MPDB® Pocket Profile Cooler for Intercell Cooling

- // No brazing, no flux, no risk of leakage
- // Length and bending tolerances at lowest
- // Usable for automated assembly process



MPDB® High Performance Cold Plate

- // Light weight and low pressure loss using pocket channel design, individual channel control possible
- // Can be fully balanced on module and packing level
- // Lowest flatness tolerances, only partial heating necessary



Plastic battery housing with integrated cooling system

- // Scalable pluggable modular box system applicable for pick and place systems for automotive, industrial or home systems
- // Integration of tubing, busbars, sensors and more possible
- // Hot spot avoidance thanks to AI-optimised cooling channel design